

DISCUSSION GROUP T13

STEAM TURBINE DESIGN, OPERATION and MAINTENANCE



Robert Felton joined ExxonMobil Chemical in 1977 and has 34 year experience in Machinery Engineering. His previous assignments have been in Baton Rouge, Sarnia, Baytown and Singapore for design, commissioning, maintenance and upgrades to large turbomachinery. His professional interests include machinery instrumentation and control systems, vibration diagnostics, steam and gas turbines, fouling mechanisms and mitigation. Mr. Felton has a BS in Mechanical Engineering from Virginia Tech University.



Vinod P. Patel is a Senior Principal Machinery Engineer, Machinery Technology, for KBR, in Houston, Texas. He has been with KBR for 30 years. In his current assignment, he is responsible in the preparation and auditing of specifications, equipment evaluation, engineering coordination, and testing and installation startup of rotating and special equipment. He has worked in the various application of rotating machinery in the petrochemical and refinery processes including ammonia, LNG, olefins, cat-cracking, and hydrotreating for domestic and international projects. Mr. Patel received B.S. and M.S. degrees (Mechanical and Metallurgical Engineering) from Maharaja Sayajirao University of Baroda, India, and Youngstown University, respectively. He is a registered Professional Engineer in the State of Texas.



Stanley Stevenson is Service Engineering Manager for Siemens Power Generation Industrial Applications (formerly Demag Delaval), in Trenton, New Jersey. He has been with them for more than 27 years and has been involved in the design, manufacture, and testing of rotating equipment for the chemical, oil and gas, utility, and power generation markets. In his current role, Mr. Stevenson is responsible for the design and component selection for rotating equipment trains and auxiliary support systems, technical interface with customers, field service support during equipment installation, startup, and field operational problems. Mr. Stevenson has received both B.S. and M.S. degrees (Mechanical Engineering, 1980, 1983) from Drexel University. He is a member of ASME and is a registered Professional Engineer in the State of Pennsylvania. Mr. Stevenson is a member of PMI, where he is a certified PMP.



Gampa I. Bhat is Chief Machinery Engineer for ExxonMobil Chemical Company, in Baytown, Texas. As Lead Specialist, he acts as the focal point for the ExxonMobil Chemical Worldwide Machinery Network and is involved with the development of machinery strategies for new and upgrade projects. He is also involved in the selection, operation, maintenance, and troubleshooting of machinery systems. Before joining ExxonMobil, he worked as a Machinery Application Engineer for Union Carbide Corporation, in Charleston, West Virginia. Mr. Bhat received his B.S. degree (Mechanical Engineering) from Karnataka University in India, and an M.S. degree from West Virginia College of Graduate Studies. He is a member of ASME.
